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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

1

Complete if Known

Application Number	09/608,130
Filing Date	June 30, 2000
First Named Inventor	Shahoian, Erik J.
Art Unit	2674
Examiner Name	Lesperance, Jean E

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Technology Center 2000

Attorney Docket Number

IMM086B

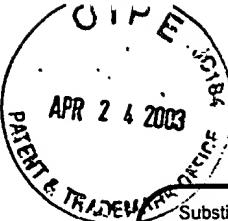
U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
J.L.		5,136,194	8/4/1992	Moving Magnet Technologies, S. A.	
		6,166,723	12/26/2000	Immersion Corporation	
		4,879,556	11/7/1989	Huka Developments B. V.	
		5,396,266	3/7/1995	Technical Research Associates, Inc.	
		5,805,140	9/8/1998	Immersion Corporation	
		6,201,533	3/13/2001	Immersion Corporation	
		6,050,718	4/18/2000	Immersion Corporation	
		5,691,898	11/25/1997	Immersion Human Interface Corporation	
		6,271,833	8/7/2001	Immersion Corporation	
		5,790,108	8/4/1998	The University of British Columbia	
		5,146,566	9/8/1992	IBM Corporation	
		5,656,901	8/12/1997	Kokusai Dengyo Co., Ltd.	
		5,492,312	2/20/1996	Lord Corporation	
		4,197,488	4/8/1980	Agence Nationale de Valorisation de la Recherche (Anvar)	
		5,175,459	12/29/1992	Motorola, Inc.	
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		6,002,184	12/14/1999	Coactive Drive Corporation	
		5,687,080	11/11/1997	Ziba Design, Inc.	
		6,259,382	7/10/2001	Immersion Corporation	
		5,805,140	9/8/1998	Immersion Corporation	
JL.		6,219,034	4/17/2001	Elbing	

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		WO	0026891A1		5/11/2000	Immersion Corporation	✓

Examiner Signature	<i>Jean Lesperance</i>	Date Considered	6-23-03
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First Named Inventor	Erik J. Shahoian
Art Unit	2674
Examiner Name	Lesperance, Jean E.

Attorney Docket Number

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J.L.		3,220,121	11/30/1965	Cutler	
		3,517,446	6/30/1970	Corlyon et al.	
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		5,766,016	6/16/1998	Sinclair	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	5	Attorney Docket Number	IMM086B
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Complete if Known

Application Number	09/608,130
Filing Date	June 30,2000
First Named Inventor	Erik J. Shahonian
Art Unit	2674
Examiner Name	Lesperance, Jean E.

		5,186,695	2/16/1993	Mangseth et al.	
U.S. PATENT DOCUMENTS					

Examiner	Cite No. ¹	Document Number		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)		
T.L.		2,972,140		Hirsch	
		5,437,607		Taylor	
		6,422,941		Thomer et al.	
		4,464,117		Forest	
		5,022,384		Freels	
		5,575,761		Hajianpour	
		6,160,489		Perry et al.	
		5,175,459		Danial et al.	
		5,283,970		Aigner	
		4,262,549		Schwellenbach	
		4,333,070		Barnes	
		5,165,897		Johnson	
		4,484,191		Vavra	
		5,436,622		Gutman et al.	
↓		6,111,577		Zilles et al.	

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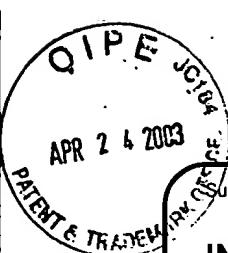
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
T.L.	BW	EP	EP0349086		1/3/1990	Visser	
		JP	H2-185278		7/19/1990	Taito Corporation	
		JP	H4-8381		1/13/1992	Epoch Co., et al.	
		JP	H5-192449		8/3/1993	Taito Corporation	
↓		JP	H7-24147		1/27/1995	Sega Corporation	

Examiner Signature	<i>Jean Lesperance</i>	Date Considered	6-23-03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number	09/608,130
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First Named Inventor	Erik J. Shahonian
Art Unit	2674
Examiner Name	Lesperance, Jean E.
Attorney Docket Number	IMM086B

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
J.L.		BAIGRIE, "Electric Control Loading - A Low Cost, High Performance Alternative," Proceedings, pp. 247-254, November 6-8, 1990.
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		RUSSO, "The Design and Implementation of a Three Degree of Freedom Force Output Joystick," MIT Libraries Archives 08/14/1990, pp. 1-131, May 1990.
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		BURDEA et al., "Distributed Virtual Force Feedback, Lecture Notes for Workshop on Force Display in Virtual Environments and its Application to Robotic Teleoperation," 1993 IEEE International conference on Robotics and Automation, pp. 25-44, 05/02/1993.
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↓		RUSSO, "Controlling Dissipative Magnetic Particle Brakes in Force Reflective Devices," DSC-Vol. 42, Advances in Robotics, pp. 63-70, ASME 1992.

Examiner Signature	<i>Jean Lesperance</i>	Date Considered	6-23-03
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	09/608,130
Filing Date	June 30,2000
First Named Inventor	Erik J. Shahonian
Art Unit	2674
Examiner Name	Lesperance, Jean E

Attorney Docket Number

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
J.L.		KONTARINIS et al., "Display of High-Frequency Tactile Information to Teleoperators," Telemanipulator Technology and Space Telerobotics, Won S. Kim, Editor, Proc. SPIE Vol. 2057, pp. 40-50, Sep. 7-9, 1993.
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Examiner Signature	<i>Jean Lesperance</i>	Date Considered	6-23-03
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Sheet	5	of	5	Filing Date	June 30,2000
				First Named Inventor	Erik J. Shahonian
				Art Unit	2674
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				Attorney Docket Number	IMM086B
				RECEIVED APR 24 2003 Technology Center 2600	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
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J.L.		BEJCZY et al., "Kinesthetic Coupling Between Operator and Remote Manipulator," International Computer Technology Conference, The American Society of Mechanical Engineers, San Francisco, CA, August 12-15, 1980.
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V		KONTARINIS et al., "Tactile Display of Vibratory Information in Teleoperation and Virtual Environments," PRESENCE, Vol. 4, No. 4, pp. 387-402, 1995.
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		"Taking a Joystick Ride", Computer Currents, Tim Scannell, Nov. 1994. Boston Edition, Vol. 9 No. 11
		"Coaxial Control Shaker Part No. C-25502," Safe Flight Instrument Corporation, 26 pages, July 1, 1967; Revised January 28, 2002.

Examiner Signature	<i>Jean Lesperance</i>	Date Considered	6-23-03
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